

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/00079

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G09G3/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 026 655 A (THOMSON BRANDT GMBH) 9 August 2000 (2000-08-09) page 2, line 47 - line 55 page 3, line 55 - line 58 page 7, line 36 - line 55; figure 4	1-10
A	DEUTSCHES INSTITUT FÜR NORMUNG E V: "DIN 19226 Teil 4" 28 February 1994 (1994-02-28), BEUTH, BERLIN XP002199756 page 6, column 1, paragraph 2.5.3 page 13, column 1, line 7	5
Y	EP 0 924 683 A (GRUNDIG AG) 23 June 1999 (1999-06-23) column 2, line 33 - column 4, line 5; figure 1	1-10
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

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PCT/IB 03/00079

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 30309 A (MORITA TOMOKO ;ISHIKAWA YUICHI (JP); KASAHARA MITSUHIRO (JP); MATS) 17 June 1999 (1999-06-17) cited in the application page 39, line 5 - line 16; figure 16	7
Y	EP 0 411 464 A (TOKYO SHIBAURA ELECTRIC CO) 6 February 1991 (1991-02-06) column 4, line 2 - line 10	9
A	EP 0 653 740 A (FUJITSU LTD) 17 May 1995 (1995-05-17) cited in the application	
A	EP 0 831 643 A (MATSUSHITA ELECTRONICS CORP ;MATSUSHITA ELECTRIC IND CO LTD (JP)) 25 March 1998 (1998-03-25) cited in the application	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00079

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1026655	A	09-08-2000	EP 1026655 A1	09-08-2000
			AU 2109600 A	25-08-2000
			CN 1338093 T	27-02-2002
			WO 0046782 A1	10-08-2000
			EP 1149374 A1	31-10-2001
			JP 2002536689 T	29-10-2002
EP 0924683	A	23-06-1999	DE 19756653 A1	24-06-1999
			EP 0924683 A2	23-06-1999
WO 9930309	A	17-06-1999	JP 2994630 B2	27-12-1999
			JP 11231825 A	27-08-1999
			CN 1246950 T	08-03-2000
			CN 1246952 T	08-03-2000
			EP 1172791 A2	16-01-2002
			EP 1162592 A2	12-12-2001
			EP 1162593 A2	12-12-2001
			EP 1172792 A2	16-01-2002
			EP 1162594 A2	12-12-2001
			EP 0958572 A1	24-11-1999
			EP 0958573 A1	24-11-1999
			WO 9930308 A1	17-06-1999
			WO 9930309 A1	17-06-1999
			JP 2994631 B2	27-12-1999
			JP 11231833 A	27-08-1999
			TW 408292 B	11-10-2000
			US 6388678 B1	14-05-2002
			US 6331843 B1	18-12-2001
			US 2001006377 A1	05-07-2001
			US 2001006378 A1	05-07-2001
			US 2001006379 A1	05-07-2001
			US 2001020938 A1	13-09-2001
			US 2001011976 A1	09-08-2001
			US 2002036650 A1	28-03-2002
EP 0411464	A	06-02-1991	JP 3062090 A	18-03-1991
			EP 0411464 A2	06-02-1991
			KR 9400598 B1	26-01-1994
			US 5218274 A	08-06-1993
EP 0653740	A	17-05-1995	JP 2856241 B2	10-02-1999
			JP 7140928 A	02-06-1995
			DE 69424122 D1	31-05-2000
			DE 69424122 T2	01-02-2001
			DE 69431681 D1	12-12-2002
			DE 69431681 T2	13-03-2003
			EP 0653740 A2	17-05-1995
			EP 0887785 A2	30-12-1998
			KR 9700911 B1	21-01-1997
			US 5943032 A	24-08-1999
EP 0831643	A	25-03-1998	JP 2845836 B2	13-01-1999
			JP 10091121 A	10-04-1998
			JP 3068797 B2	24-07-2000
			JP 10222122 A	21-08-1998
			CN 1190863 A	19-08-1998
			EP 1231779 A2	14-08-2002
			EP 0831643 A2	25-03-1998

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00079

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0831643	A	KR 267071 B1	15-09-2000
		US 6034656 A	07-03-2000